

FIG. 2G

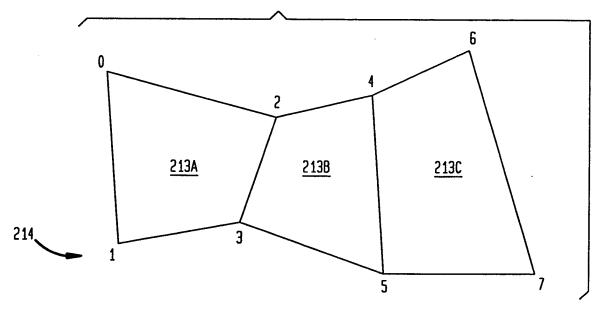


FIG. 2H

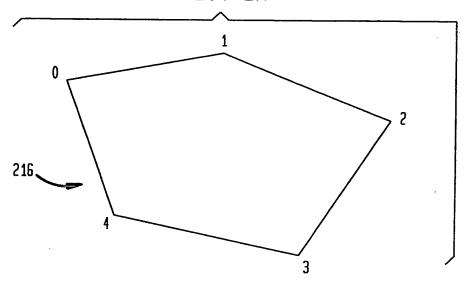


FIG. 2I

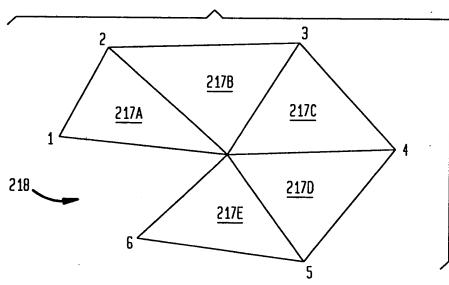
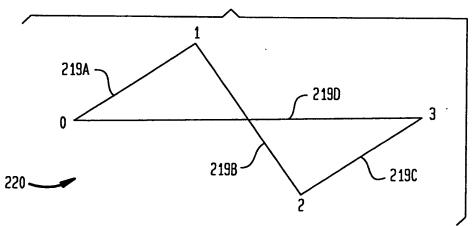
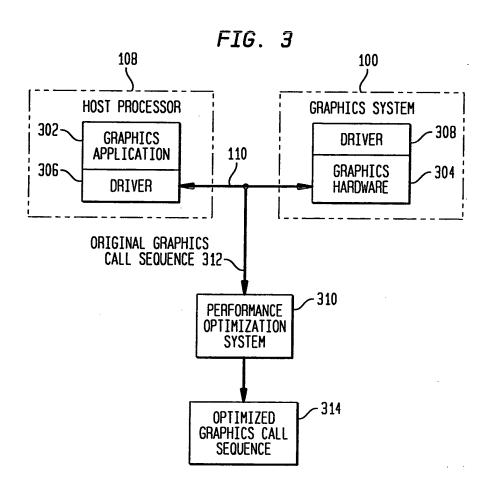
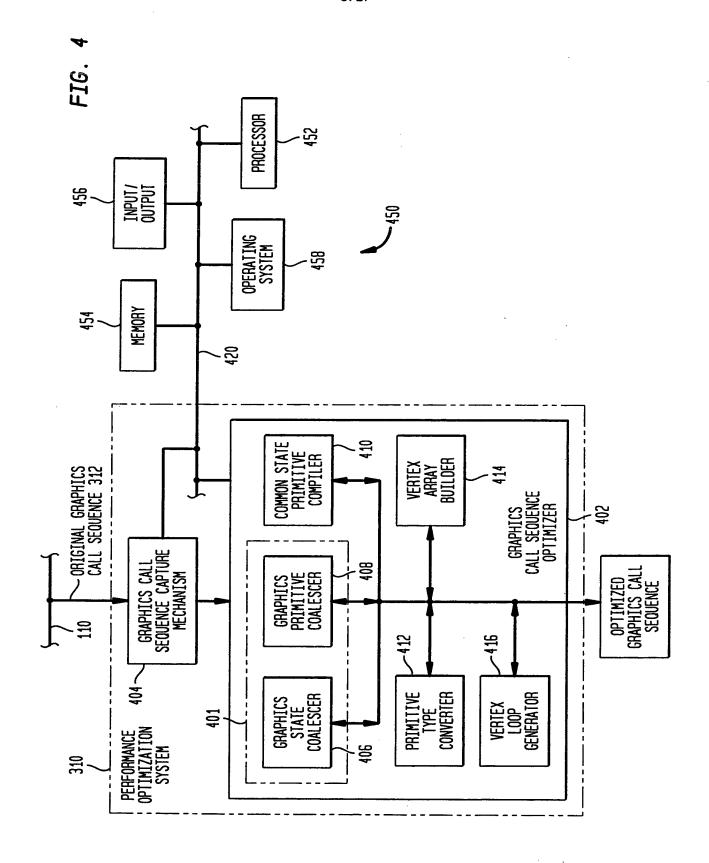
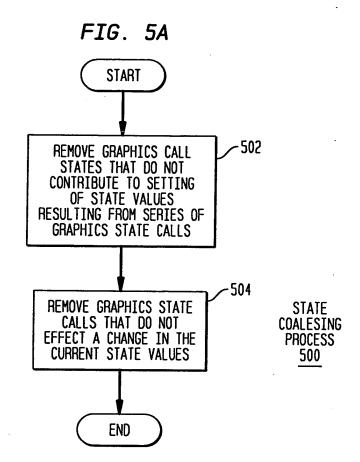


FIG. 2J









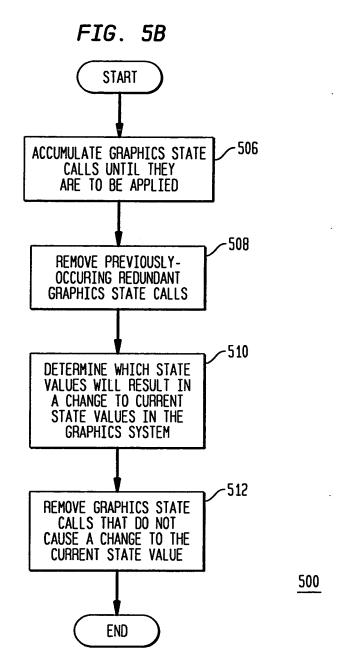
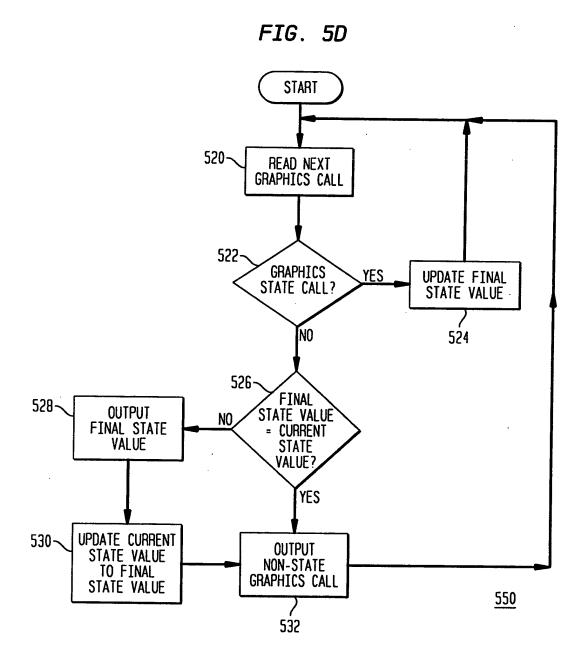
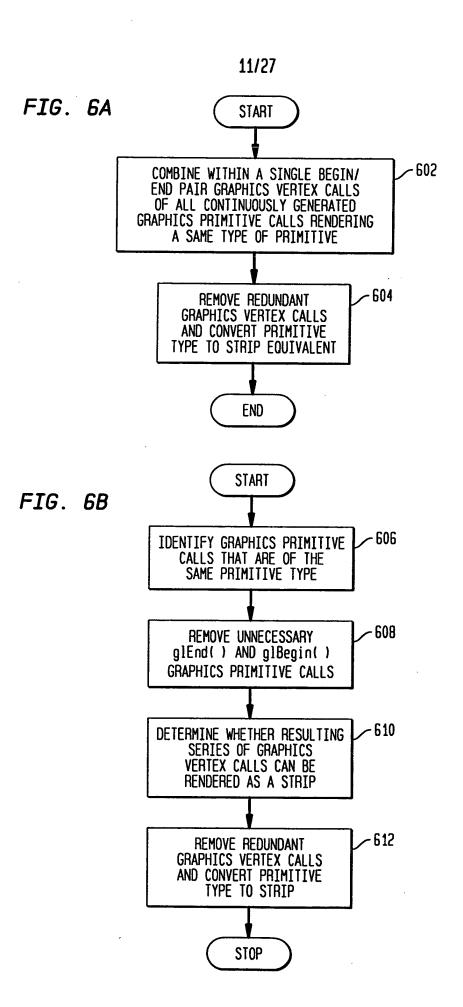


FIG. 5C

	EXEMPLARY COALESCING OF	A GRAPHICS CALL SEQUENCE	
550~	ORIGINAL GRAPHICS CALL SEQUENCE	OPTIMIZED GRAPHICS CALL SEQUENCE -	-554
552A 552B 552C 552D 552E 552F 552G 552H	- glShadeModel (GL_SMOOTH) - glEnable (GL_LIGHTO) - glEnable (GL_LIGHT1) - glEnable (GL_DEPTH_TEST) - glEnable (GL_LIGHT0) - glDisable (GL_LIGHT1) - glDisable (GL_DEPTH_TEST) - glShadeModel (GL_FLAT)	glShadeModel(GL_FLAT) glEnable(GL_LIGHTO)	- 556A - 556B





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FIG. 6C

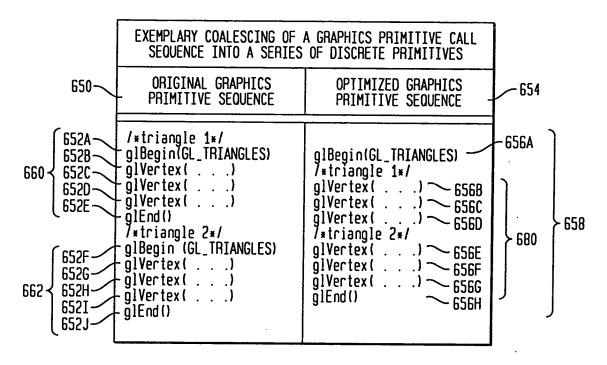
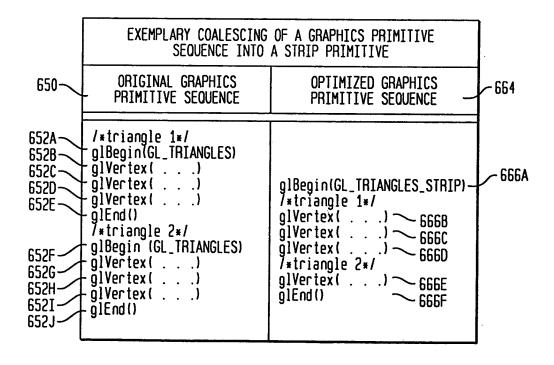
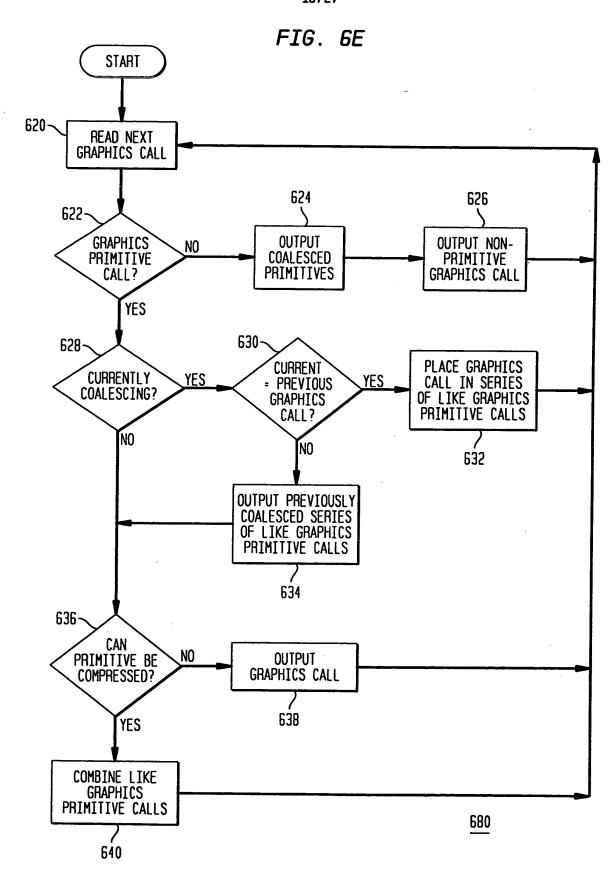


FIG. 6D





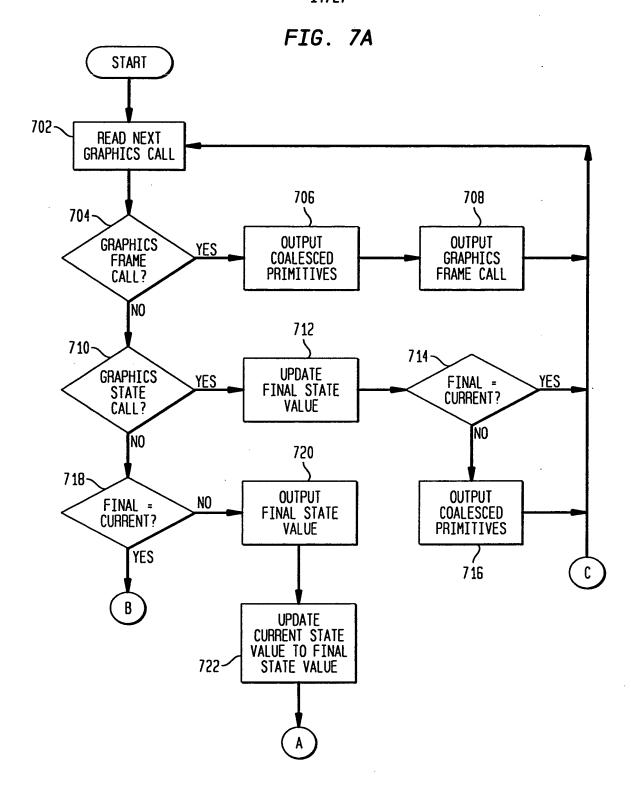
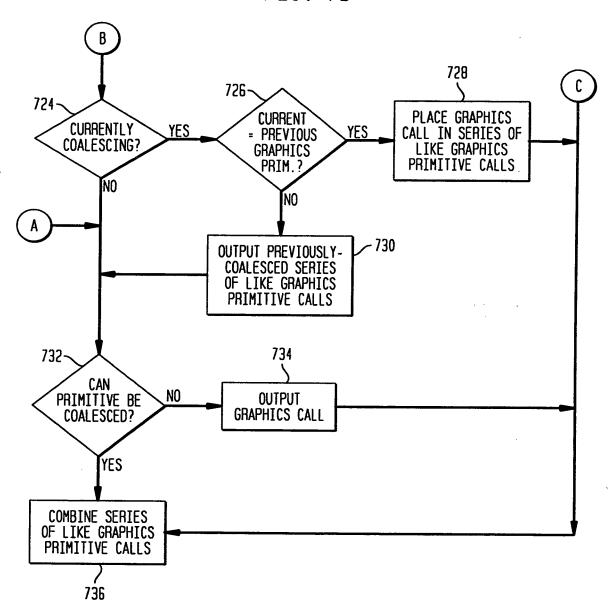


FIG. 7B



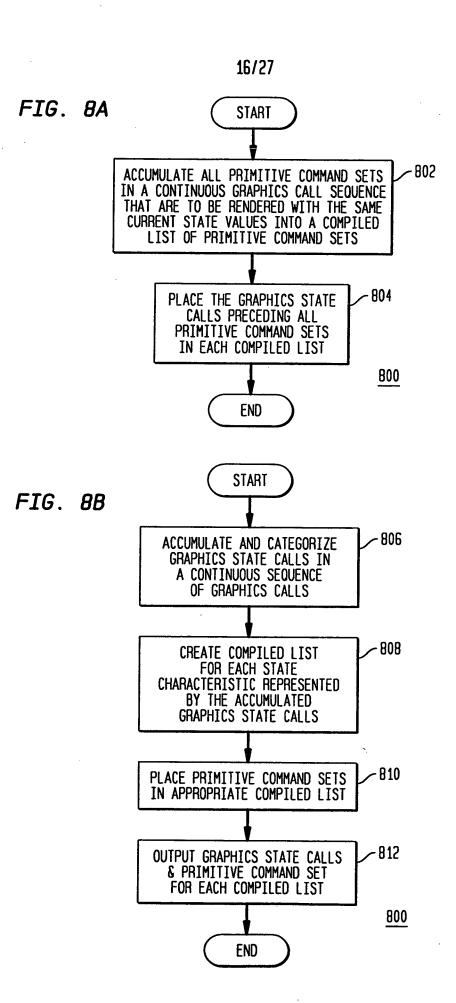
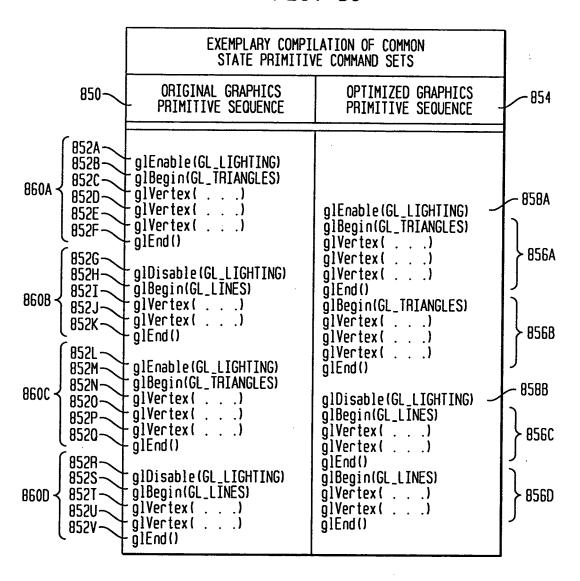


FIG. BC



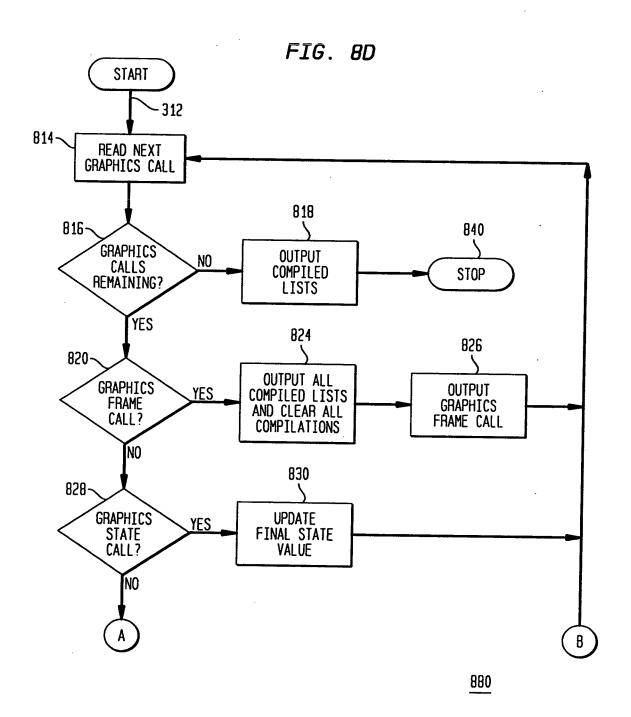
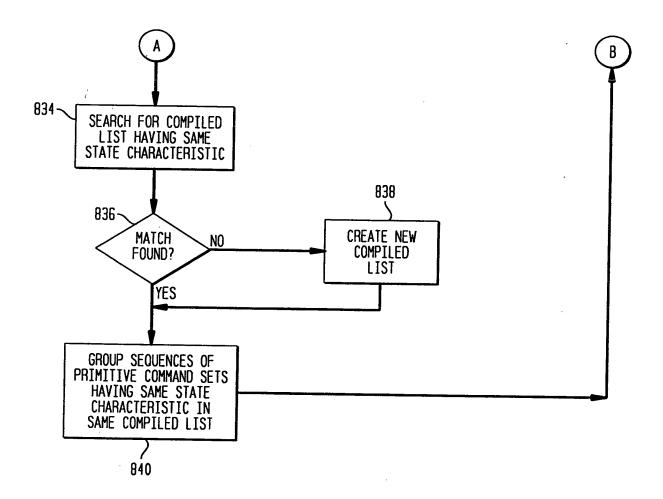


FIG. 8E



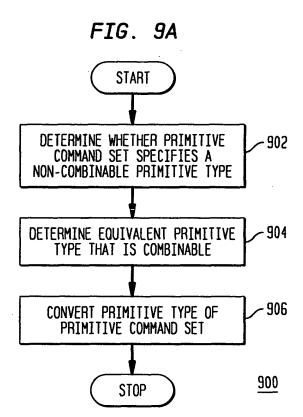
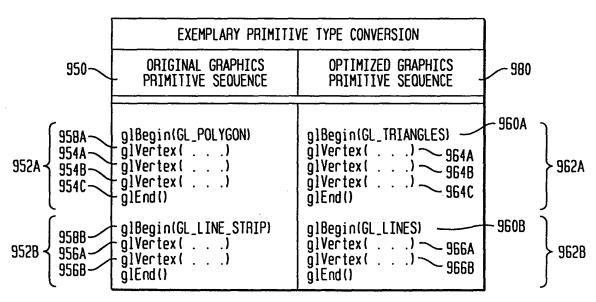
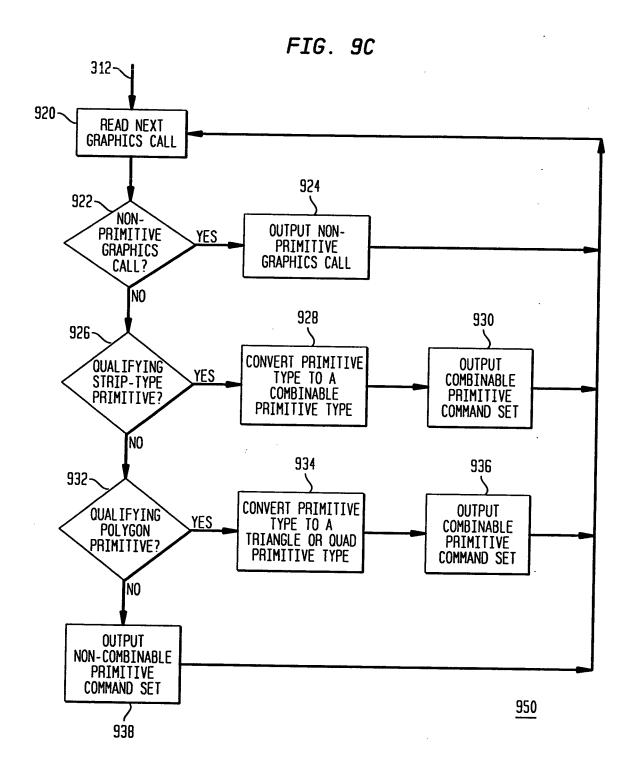


FIG. 9B





22/27 FIG. 10A **START ~1002** ACCUMULATE ALL GRAPHICS VERTEX CALLS VERTICES IN ONE PRIMITIVE COMMAND SET INTO AN ARRAY -1004 GENERATE HIGH PERFORMANCE ARRAY PROCESSING COMMAND TO ACCESS VERTEX ARRAY 1000 STOP FIG. 10B START **1006** ACCUMULATE VERTICES OF GRAPHICS VERTEX CALLS IN PRIMITIVE COMMAND SET CREATE VERTEX ARRAY AND ASSOCIATED REFERENCE -1008 POINTER GRAPHICS CALL GENERATE VERTEX ARRAY GRAPHICS CALL TO -1010 REFERENCE VERTEX ARRAY 1000 STOP

FIG. 10C

		EXEMPLARY VERTEX ARRAY GENERATION PROCESS		
	1050~	ORIGINAL GRAPHICS PRIMITIVE SEQUENCE	OPTIMIZED GRAPHICS PRIMITIVE SEQUENCE -	1052
1056 ≺	1054A 1054B 1054C 1054D 1054E 1054F 1054F 1054H 1054I 1054J	- glBegin(GL_TRIANGLE_STRIP) - glVertex()	glVertexPointer() — 1058 glDrawArrays(GL_TRIANGLE_STRIP 0.8)-	~ 1060

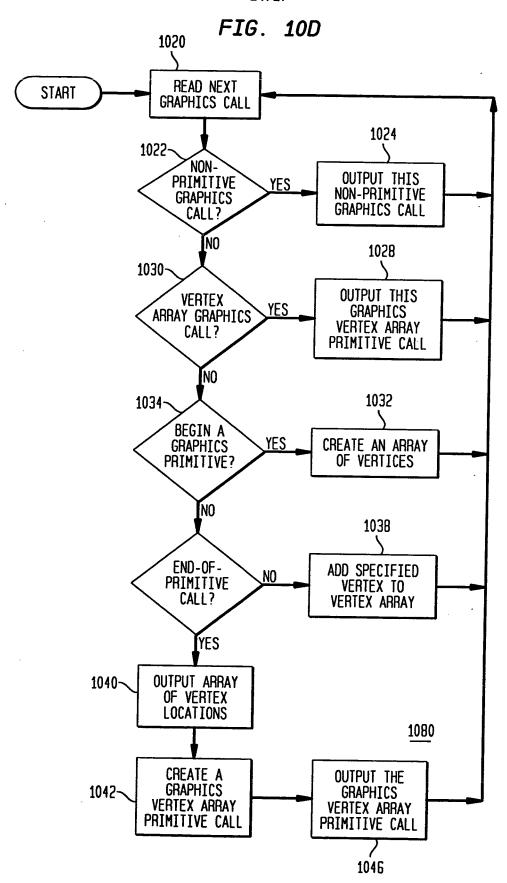


FIG. 11A

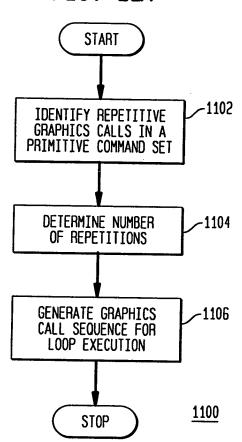


FIG. 11B

:	EXEMPLARY LOOP GENERATION PROCESS			
1150	ORIGINAL GRAPHICS - PRIMITIVE SEQUENCE	OPTIMIZED GRAPHICS PRIMITIVE SEQUENCE -	1154	
1152A 1152B 1152C 1152C 1152E 1152E 1152F 1152H	- glBegin(GL_TRIANGLES) - glNormal() - glVertex() - glNormal() - glVertex() - glNormal() - glNormal() - glVertex() - glVertex() - glVertex() - glEnd()	glBegin(GL_TRIANGLES) —1156A for (i=0.i<3.i++) —1156B		

